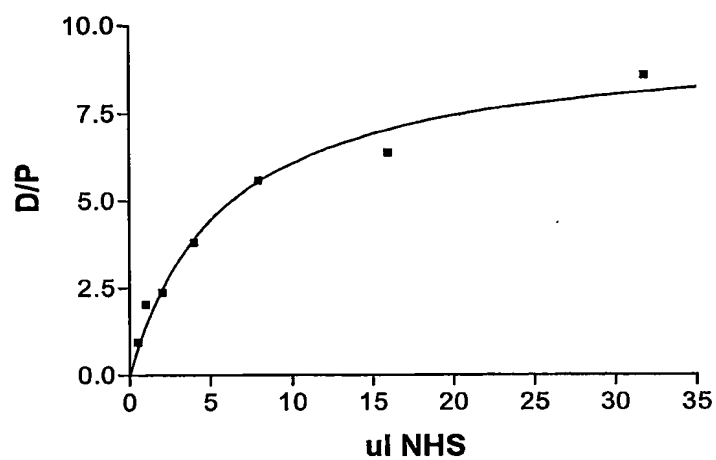
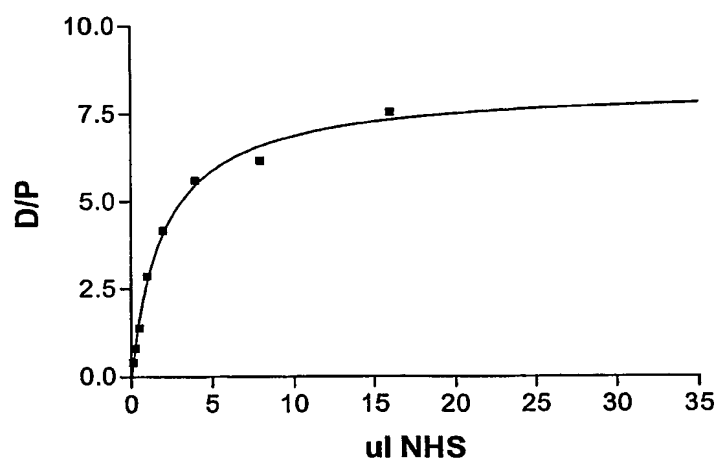


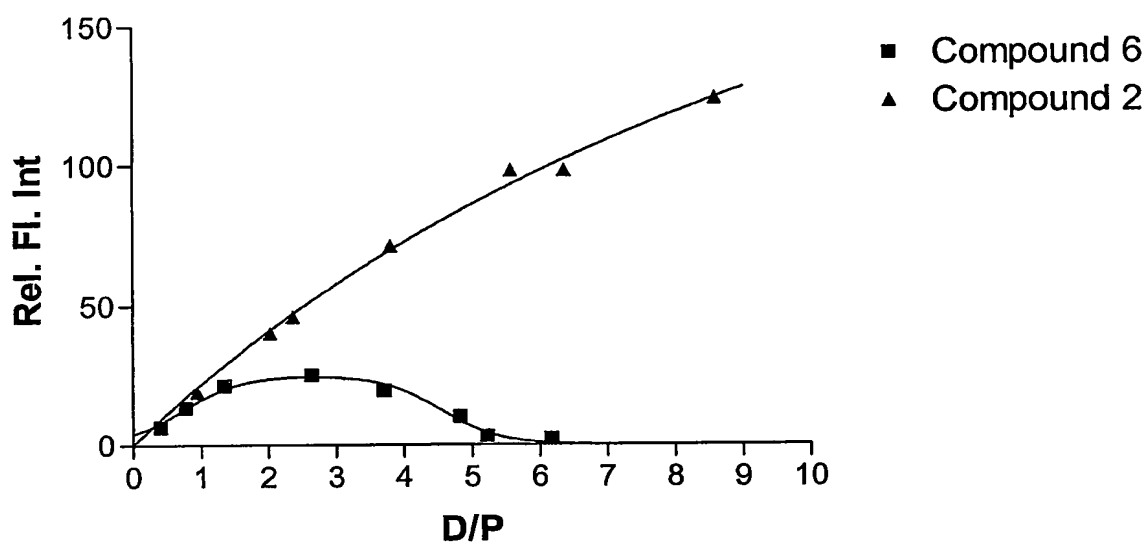
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**Plots of dye/protein ratio versus amount of applied NHS ester,
for Compound 2 and Compound 6.**

Compound 2**FIGURE 1A****Cy5™ - Compound 6****FIGURE 1B**

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Plot of relative fluorescence intensity versus dye/protein ratio, at constant antibody concentration, for pentamethine cyanine dyes.

**FIGURE 2**

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**Absorption Spectra of IgG Conjugates of Compound 6 and
Compound 2 at low- and high-dye/protein ratios.**

UV/Vis Compound 6-IgGConjugates

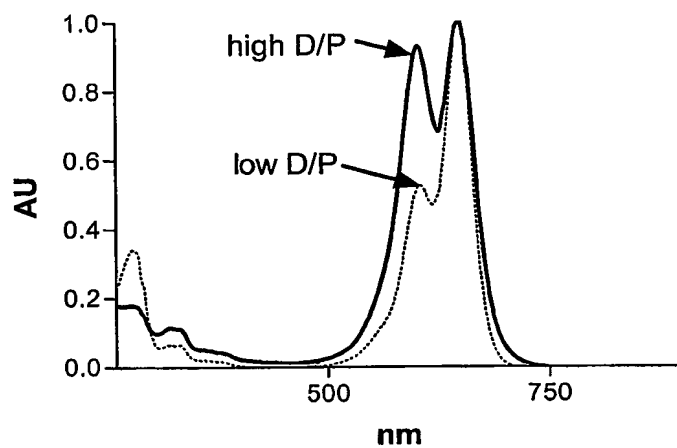


FIGURE 3A

**UV/Vis Compound 2-IgG
Conjugates**

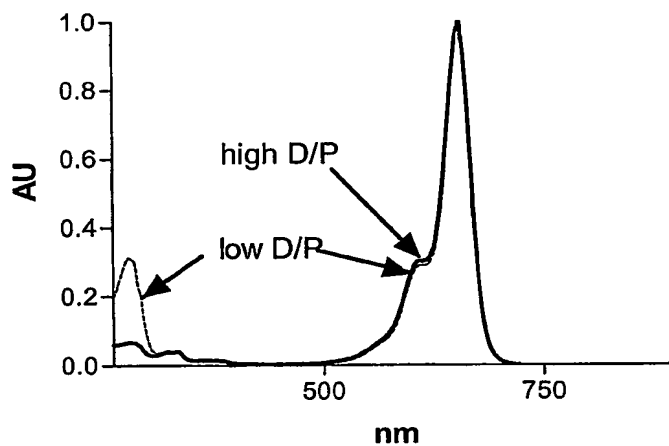


FIGURE 3B

**Absorption Spectra of IgG Conjugates of Compound 7
compared with Compounds 3 and 4 at high-dye/protein ratios.**

**UV/Vis of Compound 3-IgG and
7-IgG conjugates**

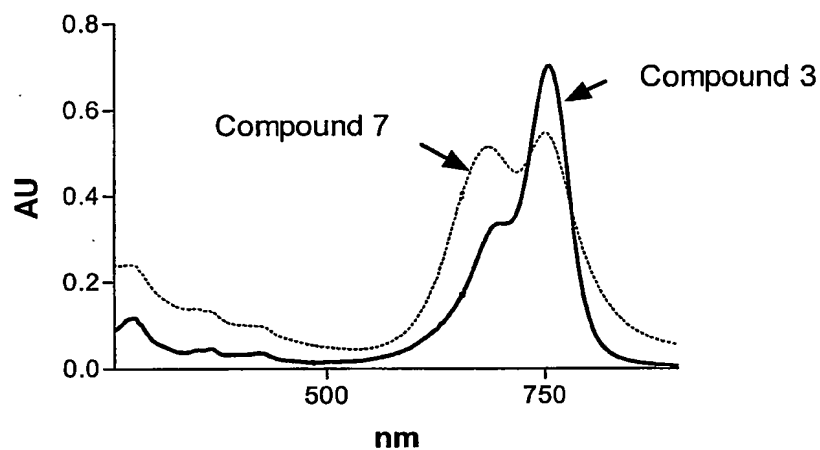


FIGURE 4A

**UV/Vis of Compound 4-IgG and
Compound 7-IgG conjugates**

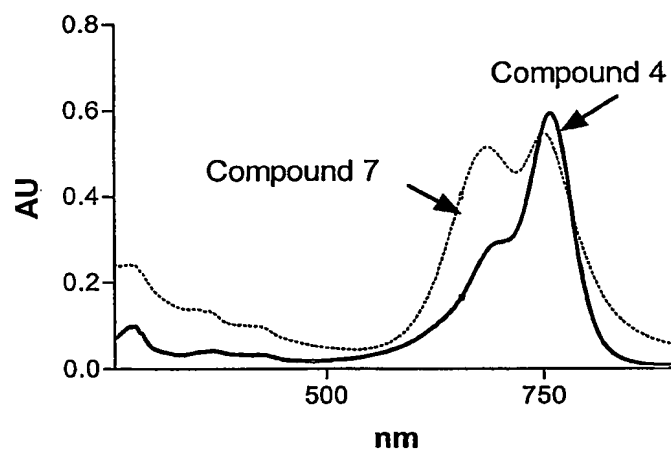


FIGURE 4B

**Plot of relative fluorescence intensity versus dye/protein ratio
for heptamethine cyanine dyes.**

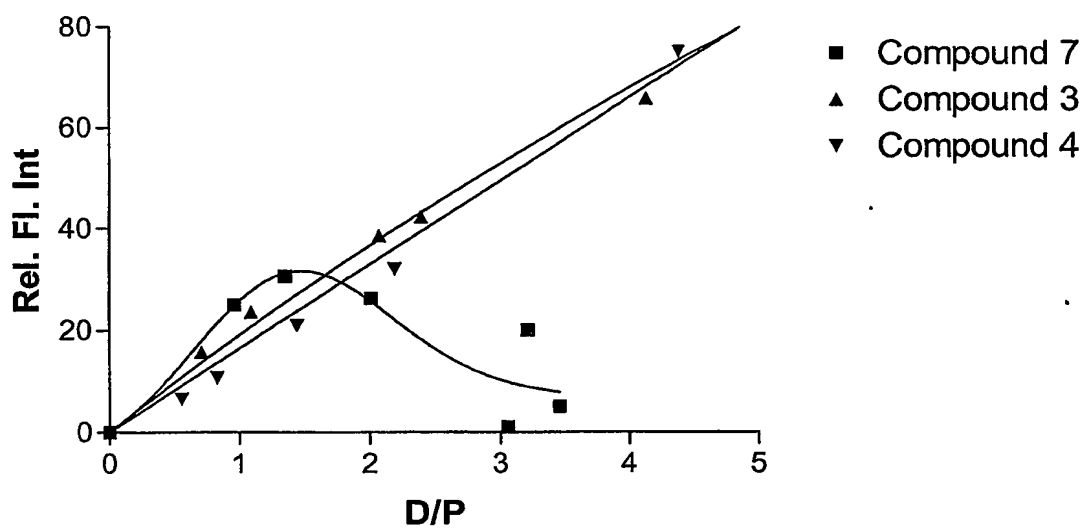
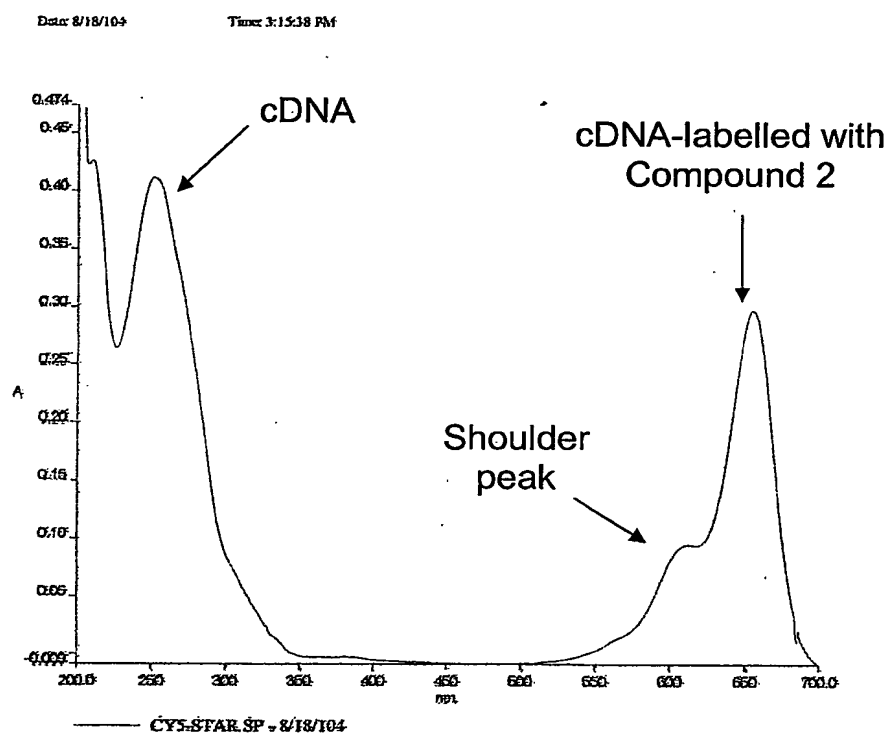
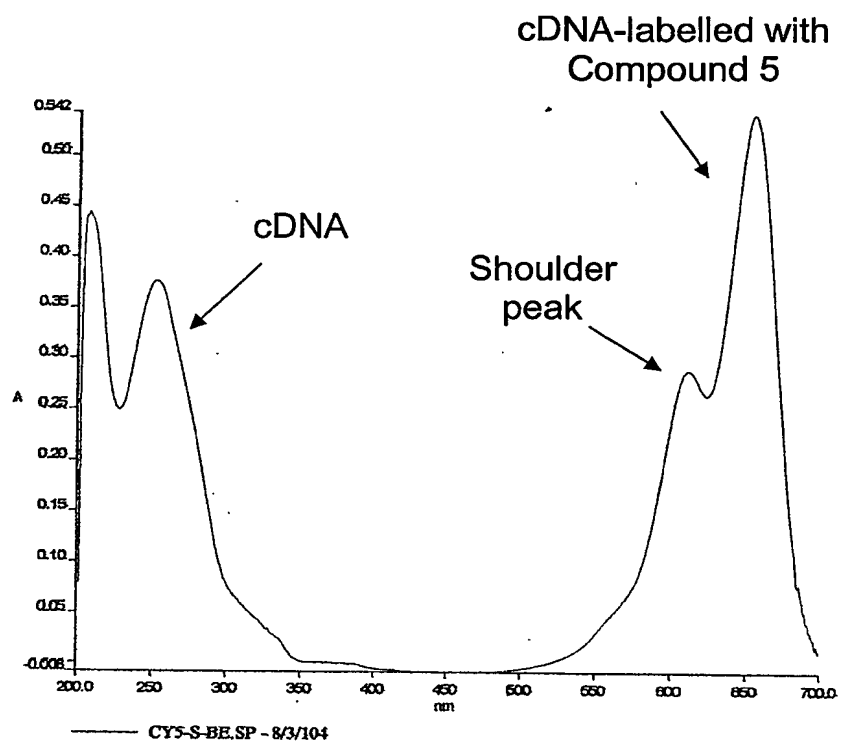


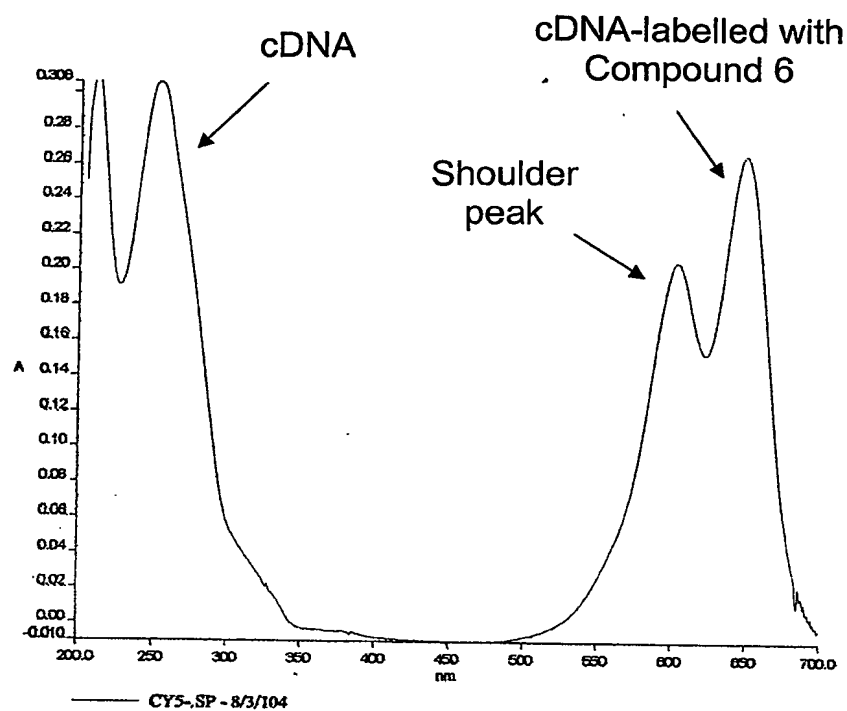
FIGURE 5

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Spectral scan (200-700nm) of cDNA labelled with Compound 2**FIGURE 6**

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Spectral scan (200-700nm) of cDNA labelled with Compound 5**FIGURE 7**

Spectral scan (200-700nm) of cDNA labelled with Compound 6**FIGURE 8**

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**Photostability studies of Compound 2 and Compound 5
(vs Compound 6)**

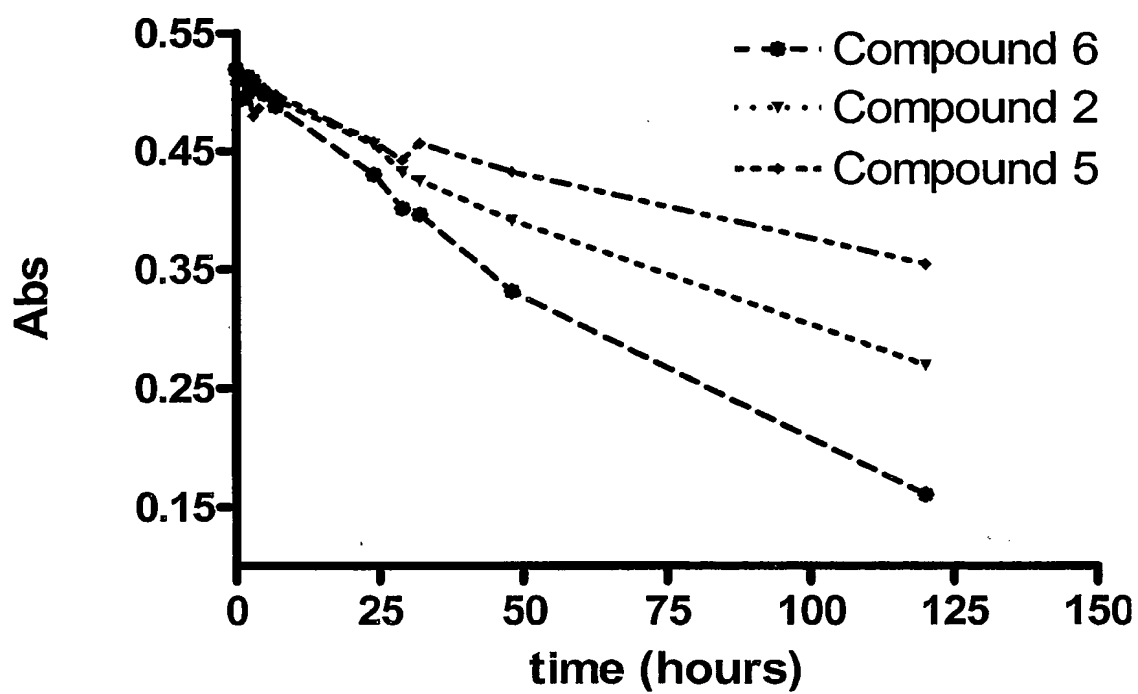


FIGURE 9